Original / Duplicate / Triplicate

No. 1st & Final bill

CONTRACT CERTIFICATE

(For Other Works)

Division: Yelahanka

YNK-DBR No. 182

Date 13-03-2020

Bill Received No ..... Date .....

Scheduled Docket No ..... Office Cash Book Voucher No ..... dated .....

Name of Work: Improvements to roads and construction of RCC drains at Vishwanagar and surrounding areas in Ward No. 03

Job Code No: 003-20-000091 P-3764

Est. cost: 150.00 lakhs

Name of Contractor and Full Address : Technical Manager (West), KRIDL, Bangalore.

Work Order No: BBMP/EE/YNK.D/W.O/ 180/2019-20, Dated : 09-11-2019

Certified that the measurements were taken by me on 6/2/2020 and recorded in pages 105056 to 105058 of measurement Book No 1051/2013-14 and that the work is satisfactorily executed.

Contractor

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Officer-in-charge of work 6/2/2020.

Certified that the measurements were taken by me on 06/02/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment

Sub-Division Officer

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs .....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No ..... Dated ..... S D No .....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No ..... date ..... less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Cross Amt =Rs 14690294-00
FSD =Rs 734514-00
CGST = Rs 131163-00
SGST = Rs 131163-00
IT = Rs 293806-00
LC = Rs 146902-00
SWF = Rs 14690-00
Royalty =Rs 129183-00
T.D. = Rs 1581421-00
Net Amt=Rs 13108873-00

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Contractor's Signature

Received Rs ..... (in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated .....

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore
Signature of Contractor

Paid by me by cheque No ..... Dated .....

Cash Rs ..... Dated .....

Initials of Officer Making Payment

(For use in the Office)

Audited & Admitted for Rs. 14690294/-

13108873/- by Cheque

and Rs. 1581421/- by adjustment

Accts Supdt
Yelahanka Division
BBMP

Exe Engineer
Yelahanka Division
BBMP

Executive Engineer

AEE, YSTSD
SBR No: 98/19-20
Date: 10/3/2020

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to roads and construction of RCC drains at Vishwanagar and surrounding areas in Ward No. 03

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum	1112.68	215.28	239538.00	–	–	1112.59	215.28	239519.00	1112.59	239519.00
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)	Cum	536.10	5421.90	2906681.00	–	–	535.91	5421.90	2905646.00	535.91	2905646.00
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)	Cum	9.45	5768.52	54513.00	–	–	9.45	5768.52	54513.00	9.45	54513.00

4	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13. (P.No-13,I No-5.9)	Cum	5.67	5811.98	32954.00	–	–	5.67	5811.98	32954.00	5.67	32954.00
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)	Cum	364.35	7070.20	2576028.00	–	–	364.34	7070.20	2575947.00	364.34	2575947.00
6	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Cum	26.62	73992.24	1969844.00	–	–	26.60	73992.24	1967878.00	26.60	1967878.00
7	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	865.80	2337.00	2023375.00	–	–	865.62	2337.00	2022954.00	865.62	2022954.00
8	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	77.76	5418.00	421304.00	–	–	77.16	5418.00	418053.00	77.16	418053.00

9	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 with 8km lead= (I No-18.47,P No-140)	Cum	441.75	973.42	430009.00	–	–	441.31	973.42	429583.00	441.31	429583.00
10	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials,	Cum	265.05	5210.96	1381165.00	–	–	264.79	5210.96	1379798.00	264.79	1379798.00
11	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. (Page No 176 Item No 22.7)	Sqm	1767.00	72.08	127366.00	–	–	1765.25	72.08	127240.00	1765.25	127240.00
12	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305 (P.No-148,I No-19.60)	Cum	59.50	344.50	20498.00	–	–	59.50	344.50	20498.00	59.50	20498.00

13	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications.Specification No. KBS (P.No-103,I No-14.60), 60mm thick	Sqm	238.00	1116.18	265651.00	-	-	238.00	1116.18	265651.00	238.00	265651.00
14	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)	Nos	502.00	432.48	217105.00	-	-	502.00	432.48	217105.00	502.00	217105.00
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)	Sqm	79.10	84.80	6708.00	-	-	79.10	84.80	6708.00	79.10	6708.00
	Total				**12672739.00**					**12664047.00**		**12664047.00**
	12% GST				**1520728.68**					**1519685.64**		**1519685.64**
	4% KRIDL				**506909.56**					**506561.88**		**506561.88**
	Grand Total				**14700377.24**					**14690294.52**		**14690294.52**

Asst.Engineer
Yelahanka Upanagara Sub Division,
BBMP, Bangalore

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

Assistant Engineer

6/2/2020

NEWZEN CONSULTANTS BANGALORE

Newzen Consultants Bangalore

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer,

6/2/2020